

App. No. 09/970068
Office Action Dated August 20, 2004
Amd. Dated October 19, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1, 12, 17, 23 and 27 are canceled without prejudice or disclaimer.

Claims 3, 4, 13-16, 18-20, 22, and 24-26 are amended.

Listing of Claims:

1-2 (Canceled)

3. (Currently Amended) ~~The organic EL element according to claim 1;~~ An organic electroluminescence (EL) element comprising:

a glass substrate having a luminescent device on an inner surface;

a drying layer adhered to a rim of the inner surface of the glass substrate without contact with the luminescent device, wherein the drying layer includes UV-curing resin;

a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and

a sealing case bonded to the rim of the glass substrate to form an airtight space.

4. (Currently Amended) The organic EL element according to claim 3, wherein the drying layer includes a composite material which is inorganic material or organic material.

5. (Previously Presented) The organic EL element according to claim 4, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .

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6. (Previously Presented) An organic EL element comprising:
- a glass substrate having a luminescent device on an inner surface;
 - a drying layer formed on a rim of the inner surface of the glass substrate;
 - a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and
 - a sealing case bonded to the rim of the glass substrate to form an airtight space, wherein the sealing case includes:
 - an inner wall exposed to the airtight space;
 - a trench on the inner wall;
 - a hydrophobic layer in the bottom of the trench;
 - an adhesion layer formed on the rim of the opening of the trench; and
 - a semi-permeable film with moisture permeability without water permeability covering the opening of the trench and bonded by the adhesion layer.
7. (Previously Presented) The organic EL element according to claim 6, wherein the adhesion layer comprises an adhesion agent and a composite material with absorption of moisture, oxygen or impurities.
8. (Original) The organic EL element according to claim 7, wherein the adhesion agent is UV-curing resin.
9. (Previously Presented) The organic EL element according to claim 7, wherein the composite material is inorganic material or organic material.

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10. (Previously Presented) The organic EL element according to claim 7, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .

11. (Original) The organic EL element according to claim 6, wherein the luminescent device is a lamination body formed by at least a cathode layer, an organic luminescent material layer and an anode layer.

12. (Canceled)

13. (Currently Amended) ~~The organic EL element according to claim 12,~~ An organic electroluminescence (EL) element comprising:

a glass substrate having a luminescent device on an inner surface;

a loop of drying layer formed only on a rim of the inner surface of the glass substrate without contact with the luminescent device, in which the drying layer comprises an adhesion agent and a composite material with adsorption of moisture, oxygen or impurities, wherein the adhesion agent is UV-curing resin;

a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and

a sealing case bonded to the rim of the glass substrate to form an airtight space.

14. (Currently Amended) The organic EL element according to claim ~~12~~ 13, wherein the composite material is inorganic material or organic material.

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15. (Currently Amended) The organic EL element according to claim ~~12~~ 13, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .
16. (Currently Amended) The organic EL element according to claim ~~12~~ 13, wherein the luminescent device is a lamination body formed by at least a cathode layer, an organic luminescent material layer and an anode layer.
17. (Cancelled)
18. (Currently Amended) The organic EL element according to claim ~~17~~ 19, wherein the drying layer comprises an adhesion agent and a composite material with adsorption of moisture, oxygen or impurities.
19. (Currently Amended) ~~The organic EL element according to claim 17~~ An organic electro-luminescence (EL) element comprising:
a first substrate having a luminescent device on an inner surface;
a loop of drying layer adhered to a rim of the inner surface of the first substrate, wherein the drying layer includes UV-curing resin;
a loop of sealing layer formed on the rim of the inner surface of the first substrate and surrounding the drying layer; and
a sealing substrate bonded to the rim of the first substrate to form an airtight space.

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20. (Currently Amended) The organic EL element according to claim ~~17~~ 19, wherein the drying layer includes a composite material which is inorganic material or organic material.

21. (Previously Presented) The organic EL element according to claim 18, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .

22. (Currently Amended) The organic EL element according to claim ~~1~~ 3, wherein the drying layer comprises an adhesion agent and a composite material with adsorption of moisture, oxygen or impurities.

23. (Canceled)

24. (Currently Amended) The organic EL element according to claim ~~1~~ 3, wherein the sealing case is bonded only to the rim of the inner surface of the glass substrate to form an airtight space.

25. (Currently Amended) The organic EL element according to claim ~~12~~ 13, wherein the sealing case is bonded only to the rim of the inner surface of the glass substrate to form an airtight space.

26. (Currently Amended) The organic EL element according to claim ~~17~~ 19, wherein the sealing substrate is bonded by the loop of drying layer and sealing layer to form an airtight space.

27. (Canceled)